5/17

DART AEROSPACE LTD	Work Order:	22921
Description: Shaft Sleeve	Part Number:	D3233-7
Dwg: D3233 Rev. B	Qty:	9 *
		Page 1 of 1

Step	Location	Procedure	Ву	Date	Qty
1	DC	Issue Traveler	*	05,04.06	4
2	CL.	Turn as per Dwg D3233 Material: AISI 1020-1025 Seamless Round Tubing Cold Drawn per MIL-T-5066 or ASTM: A513-00 MT1020 SRA or AMS 5075 or AMS 5077			-
		(M1020TR1:375W.125) Batch: <u>M17015</u>	G/L	05/04/19	多月
3	QC2	Inspect parts as they come off the machine Identify as D3233-7	E	08.05.04	9
4	QC8	Second check	20	0505.04	07
5	СМ	Deburr	CPL	05.05.04	9
6	QC5	Inspect work to Step 5	2	W. W	5
7	ST	Identify and Stock	C/Z	05.05.04	9
8	AC .	Cost / part / / , / Z Close W/O / / , / Z	Suc	or as as	5
9	DC	Close W/O / Y , / Z Inspect Level 21	*	05.05.10	9
	r		$ \cup$		1/2

RevDateChangeRevised ByApprovedA05.03.14New issueKJ/JLM

RELEASED

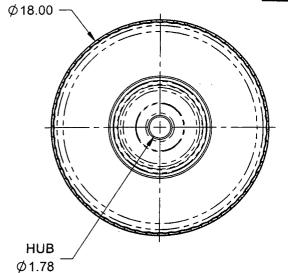
* 0235

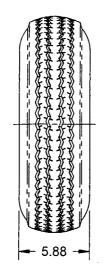
Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANGES				
DATE	STEP	PROC	CEDURE CHAN	IGE	Ву	Date Qty	Approval Mfg / Design Mgr	Approva QC Inspecto
		,						
			-					
					<u> </u>			
NCR:		W	ORK ORDE	R NON-CONFORMANC	E (NCR)		
		Commoditive Action Continue				<u> </u>		
DATE S	STEP	Description of NC Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	- Verification Section C	Approval Design Mgr	Approva QC Inspecto
				,				
		·						
		ď						
Part No);	PAR #: I	Fault Category	: NCR: Ye	s No I	DQA:	Date:	
NOTE: D	ata & initia	al all antring			N. N/C CL		Data	

PRELIMINARY ISSUE

				<u>`</u> `	
DESIGN DRAWN BY			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED A		APPROVED	DRAWING NO.	REV. B	
			D3233	SHEET 1 OF 3	
DATE	DATE		TITLE	SCALE	
	05.03.08		WHEEL ASSEMBLY	1:1	
Α	05.02.18		NEW ISSUE		
В	05.03.08		ADDED BEARING SEALS		





WHEEL SPECIFICATIONS					
SIZE	MAXIMUM LOAD	MAXIMUM INFLATATION LOAD			
TIRE: 19.0 x 5.8 RIM: 5.70 x 8.0	910 LBS (RANGE C)	90 PSI* /			

* MANUFATURER'S RECOMENDATIONS ARE 75 PSI FOR HIGH SPEED USE.

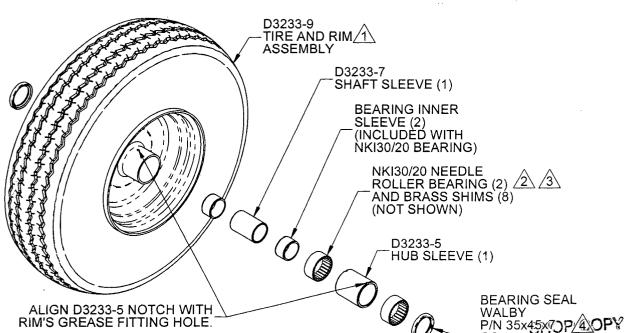
OR

(2 PLACES)

CR 35x45x7=HMS4 K P/N 13927NG INEERING

UNGONTRO'LED COPY SUBJECT TO AMENDMENT

WITHOUT NOTICE



D3233-041 WHEEL ASSEMBLY

NOTES:

1) POSSIBLE SUPPLIER: McMASTER-CARR, P/N 8353T74 2) POSSIBLE SUPPLIER: GENERAL BEARING

2) POSSIBLE SUPPLIER. GENERAL BEARING
3) PRESS FIT NEEDLE ROLLER BEARINGS INTO RIM HUB WITH
(4) 0.5 X 0.75 X 0.004 BRASS SHIMS PER BEARING, (1) AT EACH QUADRANGER ORDER
4) POSSIBLE SUPPLIER: GENERAL BEARING
22927 NO. 229

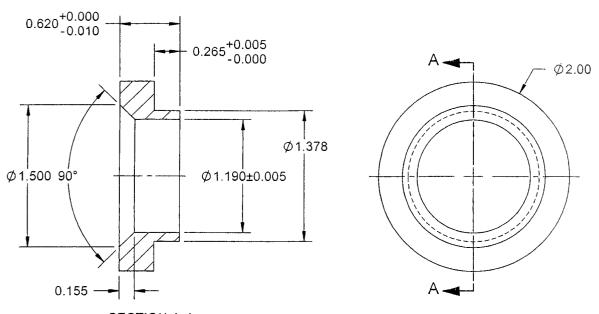
5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED 6) ALL DIMENSIONS ARE IN INCHES

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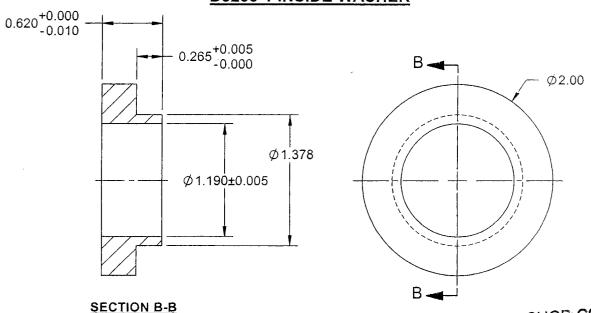
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PRELIMINARY ISSUE

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHECKED APPROVED		DRAWING NO. D3233	REV. B		
DATE		TITLE	SCALE		
05.03.08		WHEEL ASSEMBL	Y 1:1		



SECTION A-A D3233-1 INSIDE WASHER



D3233-3 OUTSIDE WASHER

SHOP COPY

DETUSN TO TNG INTERING

NOTES:

UPPOSTEC'LED COPY

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00TC (CENDMENT MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS T NOTICE (REF. DART SPEC. M1020TR)

 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005 4.3

 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

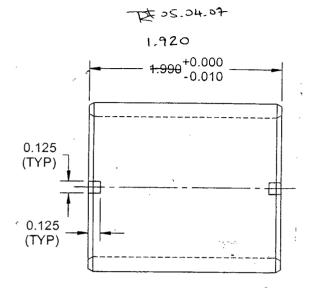
 4) ALL DIMENSIONS APE IN INCHES
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

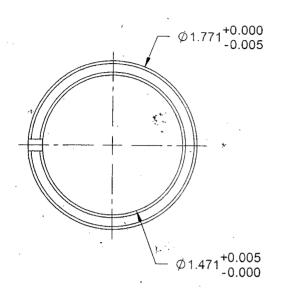
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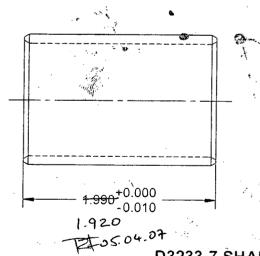
PRELIMINARY ISSUE

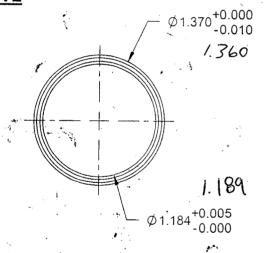
DESIGN	DRAWN BY	1	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROVED	DRAWING NO.	REV. B		
DATE		TITLE	SHEET 3 OF 3 SCALE		
05.03.08		WHEEL ASSEMBLY	1:1		





D3233-5 HUB SLEEVE





D3233-7 SHAFT SLEEVE

SHOP COPY

RET'URN TO ENGIN ERING

NOTES:

1.920

1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 NTROLLED COPY MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS: TO AMENDMEN (REF. DART SPEC. M1020TR)

2) TOLERANCES ARE PER DART OSI 018 UNLESS OTHERWISE NOTED WITHOUT NOTICE

3) ALL DIMENSIONS ARE IN INCHES

3) ALL DIMENSIONS ARE IN INCHES 4) BREAK ALL SHARP EDGES 0.010 TO 0.030

WORK ORDER

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Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Apr 04, 2005 12:27 pm

Work Order No : 0022927 Project Name : D3233-7 Project For

: WK517

Work Order Type : Main

Main WO Number :

House Part Number: D3233-7 Description : Shaft Sleeve

Manufactured : Yes

Amount Req'd: 4

Amount Done:

Start Date:

Est Finish Date:

Act Finish Date:

Drawings Reqd : No Ok/for Approval :

Approval Rec'd :

Department Code:

Burden Flags : NNNNNNN WO Status : Open

Invoice State : Not Invoiced

Invoice Date :

Invoice Number :

Invoice Amount : 0.00

Order Entry No :

OE Value :

Est Mark Up : 0.000% Actual Mark Up: 0.000%

\$0 Posted to Finished Goods

		Estimated	Actual	Var. %	Posted	To Post
Material Cost	===	0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		
Production Cost	:	0.00	0.00	0.00	0.00	
Packaging Hours	:	0.00	0.00	0.00		
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	, 0.00		. *
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	.0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	. 0.00	0.00	0.00	•	
Misc.	:	0.00	0.00	0.00	0.00	0.00
		========	========	======		
Burden	:	0.00	0.00	0.00	:	•
		========	========	======		•
Total Cost	:	0.00	0.00	0.00		
Mark up	:	0.000	0.000	•		
Selling Cost	:	0.00	0.00			

Actual Estimated Labour Hrs/Amount Done : 0.00 0.00 /Profits/(Loss) 0.00 0.00